Phytogen February 2019

ASPS 2019 and Grains Satellite Meeting registration and abstract submission open NOW!

26 February 2019

Dear ASPS members,

Abstract submission and registration for the **Australian Society of Plant Scientists conference**, ASPS 2019 and **Grains Satellite Meeting** is **NOW OPEN**!

Featuring world renowned international speakers, industry representatives and networking opportunities, this is an event not to be missed!

Please put up the ASPS 2019 poster and encourage everyone to come along.

Visit https://www.asps.org.au/combio/asps-2019 now and be part of the Australian Plant Science event of the year.

For further details contact: conferences@asps.org.au

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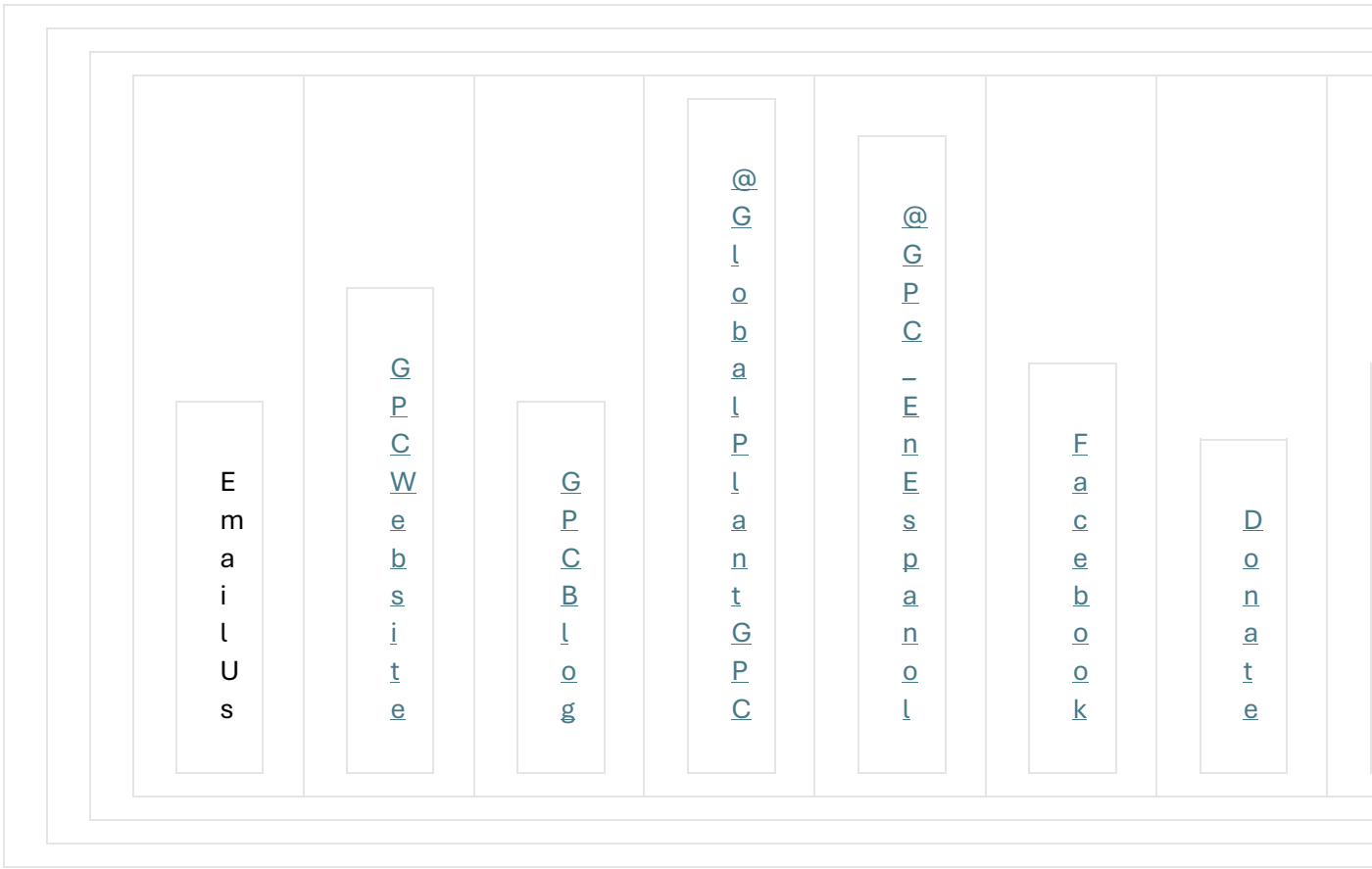
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February GPC E-Bulletin 2019

19 February 2019

Global Plant Council E-Bulletin February 2019

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E-Bulletin / February 2019

Welcome to another month of plant science: take a look to the news, upcoming events, job opportunities and a call for help on science communication

Latest News /
View more...If you have news you would like us to share on our website, please contact isabel@globalplantcouncil.org

This month 31 new breaking news stories were posted on the GPC website including...

Structure and function of photosynthesis protein explained in detail
An international team of researchers has solved the structure and elucidated the function of photosynthetic complex I, a key element in photosynthetic electron transport.

[Plant peptide helps roots to branch out in the right places]
A research team has identified a peptide and its receptor that help lateral roots to grow with the right spacing.

[Plants have a plan for all seasons]
A new research reveals that plants combine the temperature sensitivity of multiple processes to distinguish between the seasons.

[Forget-me-not: Scientists pinpoint memory mechanism in plants]
Plants' memory function enables them to accurately coordinate their development in response to stress or to the changing seasons. A new research reveals potential new targets that could support the development of new plant varieties, including cereals and vegetables, that can adapt to different environmental conditions.

Events /
View more... If you have a conference, meeting, workshop, training course or other event coming up, we can include it in our Events calendar! Please email isabel@globalplantcouncil.org

[40th Meeting of Plant Tissue Culture Association in India]
14–16 February 2019. IIT Guwahati Campus, India.[4th Early Career PI (ECPI) network]
20–22 February 2019. Copenhagen, Denmark.[60th Annual Meeting of the Japanese Society of Plant Physiologists (JSPP)]
13–15 March 2019. Nagoya, Japan.

Job Opportunities /

Do you know of a job opportunity we've missed? Please tell us about it by emailing isabel@globalplantcouncil.org

GPC is gathering job opportunies and posting them in our social media accounts, either on our devoted Facebook group with over 400 members or using the #plantscijobs hashtag on a Twitterstorm one Friday a month from our principal Twitter account. Please, join either to be informed. Next Twitterstorm will take place on the **22nd February** between 3 and 4 pm CEST.

Science Communication /

If you want to contribute or have any doubts do not hesitate to contact isabel@globalplantcouncil.org

Some example of questions suggested until now are the following:

- Do you believe climate change is real?
- What is climate change?
- What is a GMO?
- What do you think of GMOs?

Call for help from CONCISE, an EU funded project

The CONCISE project's main objective is to provide qualitative knowledge through a citizen consultation on the channels by which the general public acquire their science-related knowledge, and how this knowledge influences their beliefs, opinions, and perceptions. The project will focuse on a small number of topics, among them **food safety** (that includes GMOs, new breeding techniques and use of phytosanitary products) and **climate change**.

The CONCISE team has asked **GPC** to reach the plant science community, as experts in their field, so they can provide their input in order to prepare the questions to be asked (Examples on the left). Deadline for providing feedback: 28th February.

Members /

Click here for details of the GPC Member Societies and their representatives.

Please contact us (isabel@globalplantcouncil.org) to find out how your organization can join the Global Plant Council.

The GPC is a coalition of plant and crop science societies and institutions from across the globe. The GPC seeks to bring plant scientists together to work synergistically toward solving the pressing problems we face.

Please click here to make a donation via PayPal to help support the GPC.

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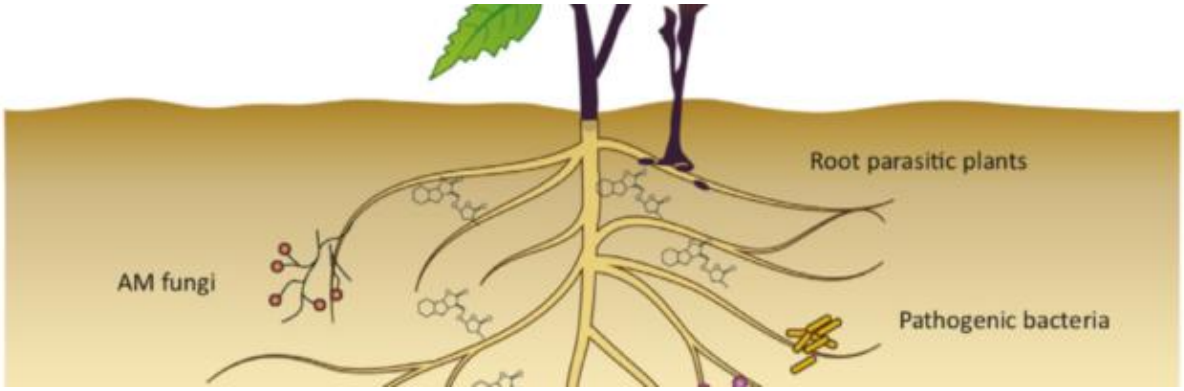
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Add us to your address book

Truly inspiring words from Dr Eloise Foo – Inaugural Jan Anderson Award 2018

14 February 2019



While you are preparing your applications for the Jan Anderson award 2019, below are some words from Dr Eloise Foo, awarded inaugural Jan Anderson Award 2018. She writes about achieving balance in life and there are parallels to her research area of how plants and microbes navigate their dual existence, to read more: Strigolactones in Plant Interactions with Beneficial and Detrimental Organisms: The Yin and Yang, Juan A. López-Ráez, Ken Shirasu, Eloise Foo, Trends in Plant Science, DOI:https://doi.org/10.1016/j.tplants.2017.03.011

Applications for Jan Anderson Award 2019 close Thursday 28th February. Follow the link for more details.

Dr Eloise Foo, ARC Future Fellow, School of Natural Sciences, University of Tasmania



My research examines how plants form intimate relationships with soil microbes that give them access to essential nutrients. These relationships are ancient, widespread and often essential for plants to thrive in challenging conditions. I am fascinated with how plants and microbes communicate through chemical signals to negotiate these interactions. I absolutely love working in research, the intellectual freedom to observe, pose questions and then seek to answer them is such a creative and satisfying endeavour. I was so honoured to receive the inaugural Jan Anderson Award in 2018. Delivering the lecture at Combio 2018 to such a warm and supportive community was a true highlight and enabled me to reflect on the fantastic mentors and colleagues I have had. I feel real change is afoot to enable people to balance a research career with all the other great things in life (family, leisure time, community). This is not just to support women to navigate the challenging but rewarding path to a research career but also opens up a different way for everyone to lead successful and balanced lives.



Dr Eloise Foo and Professor Sergey Shabala

Eloise.foo@utas.edu.au, http://www.utas.edu.au/profiles/staff/plant-science/eloise-foo

Jan Anderson applications still open and logo competition.

08 February 2019

Hello ASPS members,

Jan Anderson award application still open

Just a reminder applications for the Jan Anderson award are open until the end of the month. Know of someone who should apply? then let them know. More information on our ASPS web site which you can see **here.**

Logo competition

And the International Congress on Plant Molecular Biology (ICPMB) is holding a competition to design the 2021 meeting logo. See the Phytogen story **here** or the e-mail attachment. Please print a copy of the IPMB poster for your department notice board.

Phytogen February 2019 Plant Nutrition Trust Awards and New Phytologist events

05 February 2019



In the spirit of travel, in this edition applications are invited for the Plant Nutrition Trust awards. You might have enjoyed reading reports from 2018 awardees in the January 2019 Phytogen. Applications are due by Friday 22nd March 2019. Click on the pdf and word links below for details and the application form.

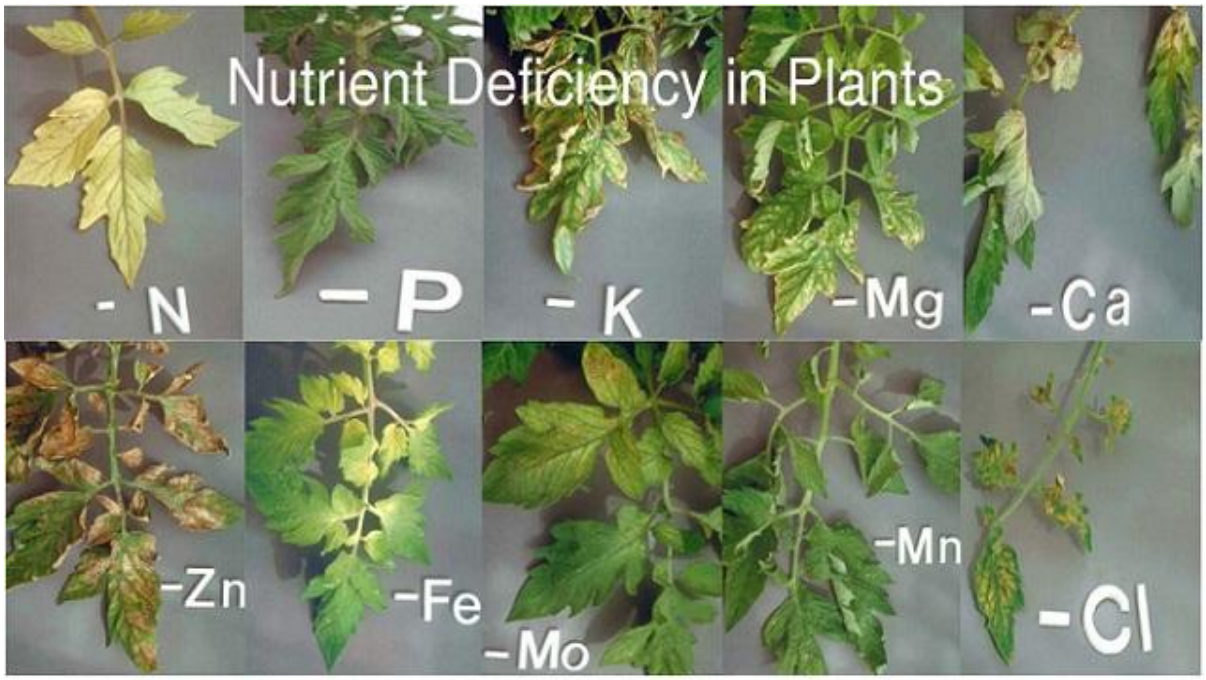
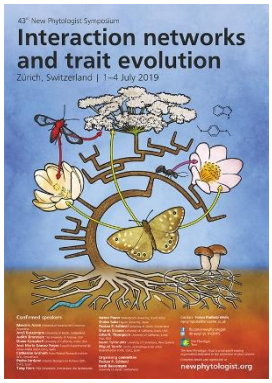
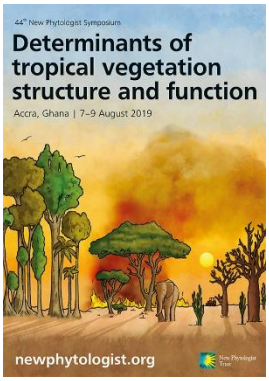


Image from epic gardening

pdf: PlantNutritionTrust_Intro&Appl_2019 word document: PlantNutritionTrust_Intro&Appl_2019





New Phytologist
next generation scientists

Secondly, registration is now open for New Phytologist events. Due dates for symposium travel grants #43 , #44 and the next generation symposia is **28th March 2019 , 25th of April 2019 and 29 April 2019 respectively**. Clink on the links above and there is a word document: NP events 2019 web promo and also visit the New Phytologist website for more details as they become available. There will also be social media hashtags for each, #43NPS , #44NPS , and #npnextgen (note only #43 is active at this stage).

